

Claims:

1. A method for performing a call jump from a call
established using a traditional POTS telephone carrier to a
5 video carrying call, comprising the steps of:

establishing a traditional POTS telephone call with audio
signals;

10 determining that video should be added to the call;

connecting the traditional POTS telephone call to a
packetized network; and

15 transmitting the multi-plexed audio and video over the
packetized network.

2. The method of any of the preceding claims, further
comprising the step of packetizing the audio signals and the
20 video signals.

3. The method of any of the preceding claims, further
comprising the step of determining an optimum division
between audio and video bandwidth by multiplexing the video
25 signals with the audio on-demand.

4. The method of any of the preceding claims, further
comprising the step of the video device recognizes an
established call.
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5. The method of any of the preceding claims, further
comprising the step of the destination number is stored.

6. The method of any of the preceding claims, further comprising the step of recognizing that video is to be added to the call.

5 7. The method of any of the preceding claims, further comprising the step of video enabled devices establish a connection.

8. The method of any of the preceding claims, further
10 comprising the step of the video enabled devices register.

9. A call jump system for jumping a call established over a traditional POTs telephone carrier to a packetized network, comprising:

15 standard POTs telephone equipment;

a video enabled device capable of rerouting the audio selectively to either the traditional telephone carrier or
20 the packetized network;
a multiplexor multiplexing the audio and video; and a packetizer for packetizing the multiplexed audio and video signals from the standard telephone equipment and the video.

25 10. The system of claim 9, further comprising gateway means for coupling the packetized audio and video signals to either the traditional telephone carrier or the packetized network.

11. The system of any of the preceding claims 9-10, further
30 comprising a router for routing the audio and video packetized signals through the packetized network to a receiving side.

12. The system of any of the preceding claims 9-11, wherein the video enabled device is a set top box.

13. The system of any of the preceding claims 9-12, wherein
5 the video enabled device is a video phone.

14. The system of any of the preceding claims 9-13, wherein the video enabled device is a video enabled PC.

10 15. The system of any of the preceding claims 9-14, wherein the packetized network is a IP network.